

## CLAIM AMENDMENTS

1           1. (currently amended) A method of browsing content  
2 available on a communication network, the method comprising the  
3 steps of:

4           providing a navigation tree comprising a semantic,  
5 hierarchical structure [[,]] and having one or more paths  
6 associated with content of a conventional markup language document  
7 and a grammar comprising vocabulary including one or more keywords;  
8           receiving a request in form of speech to access the  
9 content;

10           determining if the speech request for accessing the  
11 content includes one of the keywords of the vocabulary to find a  
12 match therewith; and

13           responsive to the request, traversing a path in the  
14 navigation tree to retrieve content related to the one keyword in  
15 the speech request only [[,]] if the request includes at least one  
16 keyword of the vocabulary.

1           2. (currently amended) The method of claim 1, wherein  
2 further comprising the step of:

3           dynamically changing the vocabulary ~~dynamically changes~~  
4 based on the path traversed in the navigation tree.

1           3. (currently amended) The method of claim 1, wherein  
2 the grammar further includes one or more rules corresponding to  
3 said one or more keywords of the vocabulary, the method further  
4 comprising the step of:

5           retrieving the content according to one or more rules  
6 corresponding to ~~said at least~~ the one keyword included in the  
7 request.

4, 5, 6. (canceled)

1           7. (currently amended) The method of claim [[6]] 1  
2 further comprising the step of:

3           providing a prompt including one or more other keywords  
4 of the vocabulary if a match for the one keyword is not found.

1           8. (currently amended) The method of claim 7 further  
2 comprising the step of:

3           traversing a path in the navigation tree to retrieve  
4 content related to a keyword selected from said one or more other  
5 keywords included in the prompt.

1           9. (currently amended) The method of claim 1 further  
2 comprising the step of:

3           narrowing the vocabulary of the grammar if the request  
4 does not include at least one keyword of the vocabulary.

1           10. (currently amended) The method of claim 9 further  
2 comprising the step of:  
3           providing a prompt including one or more keywords of the  
4 narrowed vocabulary; and  
5           traversing a path in the tree to retrieve content related  
6 to a keyword selected from said one or more keywords [[in]] of the  
7 narrowed vocabulary.

1           11. (currently amended) The method of claim 10 further  
2 comprising the step of:  
3           expanding the vocabulary of grammar based on the path  
4 traversed in the navigation tree.

1           12. (currently amended) The method of claim 1 wherein  
2 the conventional markup language is Hyper Text Markup Language.

13 - 15. (withdrawn)

16 - 17. (canceled)

18 - 20. (withdrawn)

1           21. (currently amended) A method of browsing content  
2 available on a communication network, the method comprising the  
3 steps of:

4           navigating a navigation tree derived from a document  
5 having content in conventional markup language format, the  
6 navigation tree having a plurality of nodes, ~~the navigation tree~~  
7 and being associated with a grammar comprising a vocabulary and  
8 corresponding rules, ~~said method comprising:~~

9           visiting a first node in the navigation tree;

10          moving from the first node to a second node in the  
11 navigation tree in response to ~~[[the]]~~ a user request in form of  
12 speech, the second node having at least one keyword identifying  
13 content held in the second node; and

14          expanding the grammar by adding to the vocabulary the  
15 keyword of the second node.

22. (canceled)

1           23. (currently amended) The method of claim 21, further  
2 comprising the step of:

3           providing an error message ~~[[,]]~~ if the user request is  
4 not recognized.

1           24. (currently amended) The method of claim 21, further  
2 comprising the step of:

3           comparing the request against to one or more keywords  
4 included in the vocabulary; and

5           recognizing the request if the request is sufficiently  
6 similar to one of the keywords.

1           25. (currently amended) The method of claim 24, wherein  
2 recognizing comprises the substeps of:

3           selecting a number of keywords from the vocabulary that  
4 are similar to the request;

5           for each selected keyword, assigning a value to the  
6 selected keyword based on how similar selected keyword is to the  
7 request; and

8           recognizing the keyword with the highest value.

1           26. (currently amended) The method of claim 25, further  
2 comprising resolving an ambiguity in recognizing the request if the  
3 selected keyword with the highest value is below a recognition  
4 threshold.

1           27. (currently amended) The method of claim 26, wherein  
2 resolving comprises the step of prompting the user to choose from  
3 one of the selected keywords.

1           28. (currently amended) The method of claim 21,  
2     comprising the step of:  
3           expanding the grammar by adding to the vocabulary any  
4     keywords associated with [[the]] nodes proximate the first node.

1           29. (original) The method of claim 21, wherein the  
2     grammar is generated after the first node is visited.

1           30. (original) The method of claim 21, wherein the  
2     grammar is generated before the first node is visited.

1           31. (currently amended) The method of claim 21, further  
2     comprising the step of:  
3           building a greeting based on the keyword of the second  
4     node.

1           32. (currently amended) The method of claim 21, further  
2     comprising the steps of:  
3           generating a prompt based on the portion of the content  
4     included in the first node; and  
5           playing the prompt to provide a plurality of options to  
6     select from the portion of the content included in the first node.

1           33. (original) The method of claim 21, wherein the  
2     first node is a routing node which refers to other nodes in the  
3     navigation tree.

4           34. (currently amended) The method of claim 33, further  
5 comprising the steps of:

6           generating a prompt based on the other nodes referred to  
7 by the first node; and

8           playing the prompt to provide a plurality of options for  
9 moving from the first node to one of the other nodes.

1           35. (currently amended) The method of claim 21, wherein  
2 the first node is a form node associated with one or more editable  
3 fields.

1           36. (currently amended) The method of claim 35, further  
2 comprising the step of:

3           generating a prompt based on the editable fields.

1           37. (currently amended) The method of claim 36, further  
2 comprising the step of:

3           playing the prompt to provide a plurality of options for  
4 selecting from the editable fields.

1           38. (currently amended) The method of claim 36, further  
2 comprising the step of:

3           moving through the editable fields in a prearranged  
4 order.

1           39. (currently amended) A method of browsing contact  
2 available on a communication network, the network comprising the  
3 steps of:

4           navigating a navigation tree derived from a document  
5 having content in conventional markup language format, the  
6 navigation tree having a plurality of nodes, ~~the navigation tree~~  
7 and being associated with a grammar comprising a vocabulary and  
8 corresponding rules; ~~, said method comprising:~~

9           visiting a first node in the navigation tree;  
10          moving from the first node to a second node in the  
11 navigation tree in response to ~~[[the]]~~ a user request in form of  
12 speech, the second node having at least one keyword identifying  
13 content in the second node; and

14          expanding the grammar by adding to the vocabulary the  
15 keyword of the second node;

16          indicating that the first node is visited by providing a  
17 first message; and

18          indicating that no user request has been received by  
19 providing a second message.

1           40. (currently amended) The method of claim 39, further  
2 comprising the step of:

3           providing a third message with one or more options if no  
4 user request is received in response to the second message.



1           41. (currently amended) The method of claim 39, wherein  
2 the first node is a content node having at least a portion of the  
3 content, the method further comprising the step of:

4           providing a third message with one or more options to  
5 select from the portion of the content associated with the content  
6 node.

1           42. (currently amended) The method of claim 39, wherein  
2 the first node is a routing node which refers to the nodes of the  
3 navigation tree, the method further comprising the step of:

4           providing a third message with one or more options for  
5 moving to the other nodes.

1           43. (currently amended) The method of claim 42, wherein  
2 the first node is a form node having one or more editable fields,  
3 the method further comprising the step of:

4           providing a third message, with one or more options to  
5 select from one or more editable fields.

44 - 53. (withdrawn)